

Amendments to the Specification:

Please amend the specification as follows:

Please replace paragraph [0039] with the following rewritten paragraph:

[0039] In a first aspect the invention provides an electrode for use in an electrochemical cell, which electrode comprises a hydrogen storage material and a high energy density metal, wherein the hydrogen storage material and the high energy density metal are disposed in the electrode in a manner such that the high energy density metal is capable of acting as a hydrogen source for the hydrogen storage material on reaction with electrolyte in the cell and/or the high energy density metal is capable of acting as anode material for the cell. In an embodiment the high energy density metal is at least one of Al, Zn, Mg and Fe, or an alloy of any of these metals. The high energy density metal may also be mixed with PTFE or graphite or both. Graphite improves the conductivity of the electrode. The hydrogen storage material may be an alloy selected from the group consisting of rare earth/misch alloys, ~~zirconium~~ zirconium alloys, titanium alloys and mixtures of such alloys, and may also be mixed with PTFE and/or carbon. More specifically, the hydrogen storage material may be a metal hydride selected from a group consisting of AB₅, AB₂, AB and A₂B, where A is a Group IIb metal, transition metal, rare-earth metal, or metal of the actinide series and B is a metal of the transition series. Further, AB₅ (hexagonal or orthorhombic structure) is LaNi₅ or MmNi₅, where Mm is a combination of lanthanum and other rare-earth elements, AB₂ are ZnMn₂ with a Laves phase structure, AB is TiFe with a CsCl structure and A₂B is Ti₂Ni with a complex structure. The electrode may also comprise a hydrogen electrocatalyst, wherein the hydrogen electrocatalyst may be a noble metal (e.g. platinum (Pt) or palladium (Pd)), or Nickel (Ni), iron (Fe) or chromium (Cr) or an alloy comprising at least one of the metals platinum (Pt), palladium (Pd), Nickel (Ni), iron (Fe) or chromium (Cr). In an even further embodiment the hydrogen electrocatalyst is a pure powder deposited onto a support material with high surface area e.g. activated carbon or graphite.